NOvA

	2021-3					2021-4					2021-5					2021-6					2021-7					2021-8				
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
NOvA		NOvA																											
Need to add code to extract column data from (...)		Assigned																											
Ease creation of new modules		New																											
Verify physics checklists and tuning thresholds (...)		New																											
Implement adaptive step size in Geant4 interface		New																											
double xyz[3] or TVector3?		New																											
Cluster times		New																											
vpn access to ash river		New																											
NOvA DAQ																													
DAQDataFormats Issues		New																											
Start using ROOT from UPS		New																											
Message viewer doesn't display partition (...)		New																											
TDUApp restarted		Resolved																											
Add monitoring of DDS server shared (...)		New																											
Detect stopped FEBs and recover with (...)		New																											
novadaq redmine repository viewer broken		New																											
For files with no events, MetaDataRunTool (...)		New																											
DAQ Monitoring																													
NOvA DAQ Monitor																													
Fix color coding on cluster (...)		New																											
Display multiple metrics of (...)		New																											
Down nodes should still display (...)		New																											
NOvA Data Quality Monitoring																													
X11 on datamon		Resolved																											
Need GDB on nearline		Resolved																											
NOvA Online Monitoring																													
problems resizing the (...)		Assigned																											
Publish key histos to (...)		New																											

Connect to message facility	New
displaying multiple histograms (...)	New
histogram list refresh	New
leave histo folders open (...)	New
have all messages sent (...)	New
Expand the color palette (...)	Feedback
Efficiency/sloppiness (...)	New
Have comparison plot (...)	New
Do the OnMon shuffle...	New
FEB coincidence plots???	New
Use a "fast fill" option (...)	New
Improve the print function...	New
Full scale audit of plots (...)	New
Make the 1D bin content (...)	New
OnMon viewer masked channels	New
comparison histo zero (...)	New
error/alert documentation	New
DCM Hit Rates vs hour (...)	New
watch for bad start/end (...)	New
1D comparison histos (...)	New
make a general script (...)	New
general script for properly (...)	New
change refresh schedule (...)	New
change output location (...)	New
also adjust the (...)	New
make general job script (...)	New
make a DSO plotter clean (...)	New
black out bad channels	New
Fix the upper/lower 32 (...)	New
DAQ Operations	
Use Faster Buffer Nodes	New
Update startDDTFilter.sh	New
Control Room Software	
Update window manager software (...)	Resolved

DAQOperationsTools	
Add detection of missing spill (...)	Resolved
NOvA Configuration Management	
Change order of PedestalDataRunner (...)	New
DAQ Subsystems	
NOvA DAQ Cluster	
Migrate DAQ Cluster Wiki to (...)	New
NOvA DAQ Cluster - NDOS	
testRelForOperations (...)	New
testRelForOperations (...)	New
More documentation needed (...)	New
NOvA DAQ Cluster - Far Det	NOvA DAQ Cluster - Far Det
Far Detector Network (...)	Resolved
Document cluster manangement (...)	Resolved
Approve and set up KDC (...)	New 50%
DCMs need to mount /daqlogs (...)	Resolved
novadaq-far-msglogger	Resolved
novadaq-far-farm-42	Resolved
routers not forwarding (...)	New
I can't edit power pages (...)	New
Loadshed server_check (...)	New
Loadshed "action" messages (...)	New
Error message printed (...)	New
Loadshed script calls (...)	New
Loadshed should check (...)	New
NOvA DAQ Downtime Logger	
Zenity - symbol lookup error, (...)	New
NOvA DAQ Message Passing	
DDS Memory Footprint increases (...)	New
NOvA Data Concentrator Module	
dcm pattern data mode	New
NOvA DCM Application	
Write unittests for data (...)	New
Develop unittests to (...)	New

Develop unittests to (...)	New
Access error status from (...)	New
Capture and restore temperature (...)	New
Monitor timing command (...)	New
Monitor FEB data to recognize (...)	New
NOvA Data Logger	
DataLogger crashes if Shared (...)	New
Data stream is recorded at (...)	New
NOvA File Transfer System	
Tune scheduling of the far (...)	Accepted
Restart the FTS for NDOS	New
Webpage tooltip zeroes	New
The option to prioritise based (...)	New
NOvA Global Trigger	
Doxygen tags needed	Assigned
Allow multiple trigger instances	Assigned
Long Triggers	Resolved
GT signal trapping	Assigned
Add a communications channel (...)	Resolved
NOvA Run Control	
Server seems to crash when (...)	New
RC GUI sometimes hangs after (...)	New
RC failed roll over run	New
Run control hangs when trying (...)	New
DAQApplication manger progress (...)	Resolved
Need check on reasonableness (...)	New
NovaRunControl Code Review	New
NOvA DAQ General	
Kerberos Cache file is shared between (...)	New
Summer Shutdown 2017	
Ganglia Upgrade	New
NovaDAQMonitorClient upgrade	New
Summer Shutdown 2017 - R10_05_00	
DSO Scan Retries	New

DSO scan reprocess fixes	New
VNC version alignment	New
BufferNodeEVB	New
DAQApplicationManager	New
NovaDataLogger	New
Summer Shutdown 2017 - R10_05_01	
DAQ Dashboard Devel.	New
DAQ On-Call Expert Documentation	New
Expert Desktop Setup	New
Trigger Validation Framework	New
Add heartbeat feature to spill (...)	New
Report DCM fan speeds to Ganglia	New
Summer Shutdown 2017 - R11_00_00	
DAQ/Trigger Repository Change	New
NOvA Database	
Recent changes to Table.h/cpp seem to (...)	New
NOvA Data Driven Trigger	
Nu_mu trigger goes nuts prior to sync	New
Add RawMilliBlockHeader to the Event (...)	New
Nova Det. Controls	
NOvA-DCS	
Grey and Cool FEBs	Resolved
CSS-DCM Communication Problem	New
DCS GUI/CSS does not open	Resolved
NOvA Production	NOvA Production
Get FTS and xrootd for file input/output (...)	Assigned
LEM Support at SMU	New
Sam4Users Support	Assigned
Merge from Sam tool	New
Out-of-date Getting Help pages	Assigned
Improved Offsite Running	Assigned
Track memory and runtime over time in (...)	Assigned
Email experts if a problem is identified (...)	Assigned
Check for out-of-date releases in production (...)	Assigned

Record the runtime environment	New
Diblock mask issues	Assigned
Make diblock mask accessible by (...)	New
Latest keep-ups without POT information	Feedback
Integrate MR Brem with Production	Assigned
Integrate MRCC/MRE with Production	Assigned
Develop Submission Test	New
Merged pidpart + mix/caf jobs for NC (...)	Assigned
Integrate decaf making int caf making	Assigned
H5s	New
ND FHC NOMINAL	New
NOvA-ART	NOvA-ART
GENIE reweight table for overlays	New
Undo the backports to setup_novagrid.sh (...)	New
IFDBSpillInfo producer doesn't always (...)	New
Unexpected PDG codes in ParticleNavigator (...)	Assigned
make NOVAS code an external product (...)	New
setup_fnal_security and prod proxy funk	New
Nova Reconstruction	
NOvA Break Point Fitter	
Teach TrackCleanUpAlg about (...)	New
Clean up the BPF CAF info	New
Add "ObeyPreselection" into (...)	New
"Stage 2" of BPF energy development (...)	New
Finish the BPF tracker technote	New
Put together a "BPF Muon PID" (...)	New
BPF-based energy estimator (...)	New
Retrain the BPF muon PID	New
Optimize the muon PID training.	New
Benchmark data / MC with stopping (...)	New
Proton reconstruction	New
Tuning scattering planes	New
NOvA validation	NOvA validation
NOvA validation - 0.2 - Sim validation	NOvA validation -0.2 - Sim validation 22%

Improve flux validation	New
GENIE validation	New
Geant4 validation	New
PhotonTransport validation	New
ReadoutSim validation	New
NOvA validation - 0.1 Basic Setup	NOvA validation -0.1 Basic Setup 33%
Start a new wiki	Work in progress
Collect ideas from slack, (...)	New
NOvA validation - 0.3 Reco Validation (...)	
Cluster validation	New
Prong Validation	New
Track Validation	New
CVN Pixel Map Validation	New
Presel Object Validation	New
NOvA validation - Wishlist - unplanned	
Load calibration service from (...)	New
Supernova Analysis	
Install GLoBES and SNOwGLoBES at (...)	Assigned
Delay in SuperNova data processing	Resolved
Read/write NoiseHitMap from a file	Resolved
Study houghtracker inefficiencies	New
Study the data saved by the SN (...)	Work in progress